

25. Apparatus according to claim 23 wherein the at least one front end device has a range smaller than the range of the bases stations for receiving messages from the mobile stations.
26. Apparatus according to claim 23 wherein the position determining apparatus determines the position to a resolution better than that possible based on monitoring of the messages at the base stations.
27. Apparatus according to claim 23, wherein the management system is interconnected with a mobile switching center and wherein control of enabled services includes selective screening of calls.
28. Apparatus according to claim 23, wherein the management system is interconnected with a mobile switching center and wherein control of enabled services includes blocking of calls to at least some of the mobile stations located within the area.
29. Apparatus according to claim 28, wherein the management system is interconnected with a mobile switching center and wherein control of enabled services includes blocking of calls from at least some of the mobile stations located within the area.
30. Apparatus according to claim 23, wherein the management system is interconnected with a mobile switching and wherein communication services depending on location include available connection bandwidth.
31. Apparatus according to claim 23, wherein said at least one front end device employs geographical intersection techniques to determine location of a received mobile station originated message and transfers said location information to said management system.
32. Apparatus according to claim 23, and including an input via which said database profile entries can be dynamically updated.
33. Apparatus according to claim 23 wherein the front-end device incorporates a local interface to an external system via which subscriber identity information is reported.

34. Apparatus according to claim 33, wherein the external system is a time logging system.
35. Apparatus according to claim 33 wherein the external system is a security granting device.
36. Apparatus according to claim 23 wherein the front end device is implemented in a personal computer.
37. Apparatus according to claim 34 wherein the front-end device is configured to locally communicate SMS type messages with locally registered mobile stations.
38. Apparatus according to claim 23 wherein the front-end device is configured to locally communicate high band-width content within the predefined area.
39. Apparatus for determining the position of mobile stations in a cellular system in which mobile stations communicate to a network via cellular system base stations, comprising:
a radio transmitter ⁽¹¹⁵⁾ separate from said base stations that transmits a separate radio signal having characteristics of a base station, wherein said mobile stations receive said signals and reports information related to the strength and frequency of signals having base station characteristics, including said separate signal;
a management system ⁽¹¹⁶⁾ having a database ⁽¹²¹⁾ of radio signal characteristics and locations;
position determining ⁽¹¹⁷⁾ apparatus that determines the position of mobile stations responsive the reported information and the database.
40. Apparatus according to claim 39 wherein the separate radio signal has the characteristics of a base station control channel.
41. Apparatus according to claim 39 wherein the management system receives the radio signal information from cellular system switching center software.
42. Apparatus according to claim 39 wherein the management system is implemented within the cellular system switching center software.

43. Apparatus according to claim 39 wherein the separate radio signal has a power substantially lower than the power of a radio signal transmitted by a base station, such that reception of the separate signal by a mobile station is more limited in extent than that of a similar signal broadcast by a base station.

44. Apparatus according to claim 39 wherein the separate radio signal is broadcast within a predetermined area closed by walls which at least partially absorb radio waves utilized for exchange of said messages and wherein the position determining apparatus determines whether the mobile unit is within or without the predetermined area.

45. Apparatus according to claim 39, wherein said separate radio signals are transmitted in frequencies different than cellular network operating frequencies.

46. Apparatus according to claim 45 and including a corresponding receiver for said separate radio signals attached to the mobile stations.

47. Apparatus for determining the position of mobile stations in a cellular system in which mobile stations communicate to a network via cellular system base stations, comprising:

a radio transmitter transmitting a representative radio signal, having characteristics representing a predefined area where said signal is received;

a management system interconnected with cellular switching center, said management system having a database of representative radio signal characteristics and locations, said management system receives information of representative radio information received by mobile stations and compares them with said database, thereby extracting a list of mobile stations location within said predefined area,

wherein said radio signals information received by said management system is adjacent cell information received from mobile stations.

48. Apparatus according to claim 47, wherein said management system is implemented within the cellular system switching center software.

49. Apparatus for determining the position of mobile stations in a cellular system in which mobile stations communicate to a network via cellular system base stations, comprising:

a radio transmitter transmitting a representative radio signal, having characteristics representing a predefined area where said signal is received;

a management system interconnected with cellular switching center, said management system having a database of representative radio signal characteristics and locations, said management system receives information of representative radio information received by mobile stations and compares them with said database, thereby extracting a list of mobile stations location within said predefined area,

wherein said management system receives said radio signal information from cellular system switching center software.

50. Apparatus according to claim 49, wherein said management system is implemented within the cellular system switching center software.

51. Apparatus according to claim 39, 47 or 49, wherein said radio signals are implemented according to Shared Wireless Access Protocol (wireless Access) and a corresponding receiver is attached to the mobile stations.

52. Apparatus according to any of claims 39, 47 or 49, further comprising:

a management system containing database of subscriber profiles and configured to control enabled services to subscribers depending upon locations of subscribers.

53. Apparatus according to claim 52, wherein the management system is interconnected with a mobile switching center and wherein control of enabled services includes selective screening of calls.

54. Apparatus according to claim 52, wherein the management system is interconnected with a mobile switching center and wherein control of enabled services includes blocking of calls to at least some of the mobile stations located within a predetermined area.

55. Apparatus according to claim 52, wherein the management system is interconnected with a mobile switching and wherein communication services depending on location include available connection bandwidth.